

What is claimed is:

- Sub  
A1
1. A method for denaturing allergens which comprises applying an effective amount of the alkaline earth metal salt selected from calcium and strontium salts to the place where allergen exists or will exist.
  2. A method for denaturing allergens according to claim 1, wherein the alkaline earth metal salt is a salt of calcium.
  3. A method for denaturing allergens according to claim 1, wherein the alkaline earth metal salt is a salt of strontium.
  - Sub  
A2
  4. A method for denaturing allergens according to claim 1, wherein the alkaline earth metal salt is acetate, propionate, nitrate, chloride, bromide, iodide, lactate, carbonate, phosphate, citrate, pantothenate, tartrate, succinate, malonate, malate, nicotinate, glycerate and gluconate.
  5. A method for denaturing allergens according to claim 2, wherein the alkaline earth metal salt is calcium acetate, calcium propionate, calcium nitrate, calcium chloride, calcium bromide, calcium iodide, calcium lactate, calcium carbonate, calcium phosphate, calcium citrate, calcium pyrophosphate, calcium glycerophosphate, calcium stearylactate, calcium pantothenate, calcium tartrate, calcium succinate, calcium malonate, calcium malate, calcium nicotinate, calcium glycerate or calcium gluconate.
  6. A method for denaturing allergens according to claim 3, wherein the alkaline earth metal salt is strontium chloride.
  7. A composition for denaturing allergens, which comprises the alkaline earth metal salt selected from calcium and strontium salts, organic acid or phosphoric acid, and at least one selected from water and alcohols.
  8. A composition according to claim 7, wherein the acid is citric acid, lactic acid, malic acid, tartaric acid, malonic acid, succinic acid, ascorbic acid, isoascorbic acid, acetic acid, propionic acid, gluconic acid, maleic acid, fumaric acid, alginic acid or phosphoric acid.
  9. A composition according to claim 7, wherein the contents of the alkaline earth metal salt and the acid are 0.1 to 10% by weight and 0.01 to 20% by weight respectively.
  10. A composition for denaturing allergens, which comprises the alkaline earth metal salt selected from calcium and strontium salts; at least one water-soluble polymer compound include polyvinyl alcohol, polyacrylic acid, polyacrylic acid salts, polyethylene glycol and polyvinylpyrrolidone; and at least one selected from water and alcohols.

11. A composition according to claim 10, wherein the water-soluble polymer compound is polyvinyl alcohol, polyacrylic acid, polyacrylic acid salts, polyethylene glycol or polyvinylpyrrolidone.

12. A composition according to claim 10, wherein the contents of the alkaline earth metal salt and the water-soluble polymer compound are 0.1 to 10% by weight and 0.01 to 20% by weight respectively.

Gold  
AZ

DATE 11/16/2000